

**AMENDMENTS TO THE SPECIFICATION:**

Page 1, between the title and first paragraph, insert the following heading and subheading:

**BACKGROUND OF THE INVENTION**

**1. Field of the Invention**

Page 1, above the paragraph beginning at line 4, insert the following subheading:

**2. Discussion of Prior Art**

Page 1, above the paragraph beginning at line 15, insert the following heading:

**SUMMARY OF THE INVENTION**

Page 4, above the paragraph beginning at line 16, insert the following heading:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Page 4, above the paragraph beginning at line 28, insert the following heading:

**DETAILED DISCUSSION OF EMBODIMENTS**

Page 5, amend the paragraph beginning at line 6 as follows:

With reference to Figure 1 a signal detection system 10 comprises a single signal detector 11 having a limited on-time during which any received electromagnetic signal can be assessed, that is detected and processed. The signal detector 11 receives electromagnetic signals from a single direction in space D through a single optical fibre 12, a signal splitter 13 which ~~splits~~splits the collected signal between three optical paths 20, 30, and 40, and a signal combiner 14 which combines the portions of the signal transmitted by the three optical paths 20, 30 and 40 and

transmits the combined signal to a signal detector input 15. The direction D is normal to a focal plane x-x.